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HESS-II: gamma-ray astronomy from tens of GeV to hundreds of TeV energies

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Since the commissioning of the fifth, large telescope in December 2012, H.E.S.S. II is the only array of Imaging Atmospheric Cherenkov Telescopes operating telescope of different sizes. Recent years have seen a tremendous effort in the design, implementation and optimisation of analysis techniques as well as improvements to the entire data acquisition scheme to allow for a very fast response to external triggers. With its excellent sensitivity, broad energy coverage, and fast reaction time, H.E.S.S. II provides an unprecedented view of the Universe at very high energies, in a multi-wavelength and multi-messenger approach. In this contribution we will present some highlights of the first data taken with H.E.S.S. II and discuss its potential for the study of transient objects. Additionally, we will also show highlights from ten years of H.E.S.S. phase I observations like the legacy data release of the H.E.S.S. Galactic Plane Survey.

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